



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 3830

Bib Data Sheet

SERIAL NUMBER 10/827,367	FILING OR 371(c) DATE 04/20/2004 RULE	CLASS 324	GROUP ART UNIT 2862	ATTORNEY DOCKET NO. 040163	
APPLICANTS Hideo Kaiju, Yokohama-shi, JAPAN; Kazuo Shiiki, Yokohama-shi, JAPAN; ** CONTINUING DATA ***** ** FOREIGN APPLICATIONS ***** JAPAN 2003-118197 04/23/2003 IF REQUIRED, FOREIGN FILING LICENSE GRANTED** SMALL ENTITY ** ** 06/28/2004					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature _____ Initials _____		STATE OR COUNTRY JAPAN	SHEETS DRAWING 4	TOTAL CLAIMS 5	INDEPENDENT CLAIMS 2
ADDRESS 23850					
TITLE MAGNETIC SENSOR UTILIZING MAGNETORESISTANCE EFFECT, METHOD FOR DRIVING MAGNETIC SENSOR UTILIZING MAGNETORESISTANCE EFFECT AND MAGNETIC RECORDING SYSTEMS					
FILING FEE RECEIVED 1200	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		